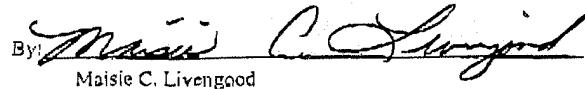


I hereby certify that this correspondence is being sent by facsimile transmission to:

Ms. Jeter at Fax No.: 703-305-6384

On July 2, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: 
Maisie C. Livengood

PATENT
Attorney Docket No.: 015389-002640US
Client Ref. No.: 018/213C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas Cech et al.

Application No.: 10/044,692

Filed: January 11, 2002

For: HUMAN TELOMERASE
CATALYTIC SUBUNIT:
DIAGNOSTIC AND
THERAPEUTIC METHODS

Art Unit:

SUBMISSION OF DECLARATIONS

Licensing and Review Department
Patent and Trademark Office
Washington, D.C. 20231

Dear Ms. Jeter:

In response to the Notice mailed May 21, 2002, classifying the above-identified applications as "useful in the production or utilization of special nuclear material or atomic energy", attached are Declarations from each inventor:

- (i) setting forth the facts regarding the circumstances under which the invention was made; and
- (ii) establishing that the invention was not developed or conceived in connection with the United States Atomic Energy Commission or its successor, such as the Department of Energy.

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7/8/02

Thomas Cech et al.
Application No.: 10/044,692
Page 2

PATENT

In view of these Declarations, it is respectfully requested that this classification be withdrawn.

If you have any questions regarding this Request or the subject matter of the application, please call the undersigned at 303-571-4000.

Respectfully submitted,



Scott L. Ausenhus
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
SLA:incl
DE 7075247 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at 11516 MORNING
RIDE DR., POTOMAC, MD 20854;

Joachim Linger, a citizen of Switzerland, residing at _____;

Toru Nakamura, a citizen of Japan, residing at _____;

Karen B. Chapman, a citizen of the United States, residing at _____;

Gregg B. Morin, a citizen of the United States residing at _____;

Calvin B. Harley, a citizen of Canada, residing at _____; and

William H. Andrews, a citizen of the United States residing at _____;

OKP
declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

That we made and conceived this invention while employed by Geron Corporation (Karen B. Chapman, Gregg B. Morin, Calvin B. Harley and William H. Andrews) or the *Howard Hughes Medical Institute*, University of Colorado/University Technology Corporation (Thomas R. Cech, Joachim Linger and Toru Nakamura); That the invention is related to the work we were employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and

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U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

True

Howard Hughes Medical Institute
services of Geron Corporation and the University of Colorado/University Technology
Corporation.

That to the best of our knowledge the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: Thomas R. Cech Date: 6/12/2002
Thomas R. Cech

Post Office Address: 11516 MORNING RIDE DR., POTOMAC, MD 20854

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____;

Joachim Linger, a citizen of Switzerland, residing at Chemin de la Pechelette 6B,
CH-1066 Eralinges, Switzerland;

Toru Nakamura, a citizen of Japan, residing at _____;

Karen B. Chapman, a citizen of the United States, residing at _____;

Gregg B. Morin, a citizen of the United States residing at _____;

Calvin B. Harley, a citizen of Canada, residing at _____;

William H. Andrews, a citizen of the United States residing at _____;

declare:

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That we made and conceived this invention while employed by Geron Corporation (Karen B. Chapman, Gregg B. Morin, Calvin B. Harley and William H. Andrews) or the University of Colorado/University Technology Corporation (Thomas R. Cech, Joachim Linger and Toru Nakamura); That the invention is related to the work we were employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and

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U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

services of Geron Corporation and the University of Colorado/University Technology Corporation.

That to the best of our knowledge the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors; Energy Research and Development Administration or the Department of Energy.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: J. Linger Date: June 14, 2002
Joachim Linger

Post Office Address: Chemin de la Pechalettaz 6B, CH-1066 Epalinges, SWITZERLAND

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____;

Joachim Linger, a citizen of Switzerland, residing at _____;

Toru Nakamura, a citizen of Japan, residing at 3527 Hatteras Ave.
San Diego, CA 92117, USA;

Karen B. Chapman, a citizen of the United States, residing at _____;

Gregg B. Morin, a citizen of the United States residing at _____;

Calvin B. Harley, a citizen of Canada, residing at _____;
and

William H. Andrews, a citizen of the United States residing at _____;

declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

That we made and conceived this invention while employed by Geron Corporation (Karen B. Chapman, Gregg B. Morin, Calvin B. Harley and William H. Andrews) or the University of Colorado/University Technology Corporation (Thomas R. Cech, Joachim Linger and Toru Nakamura); That the invention is related to the work we were employed to perform and was made within the scope of our employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and

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U.S. Patent Application No. 10/044,692
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Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: T. Nakamura Date: June 11, 2002
Toru Nakamura

Post Office Address: 3527 Hatteras Ave. San Diego, CA 92117

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____

Joachim Linger, a citizen of Switzerland, residing at _____

Toru Nakamura, a citizen of Japan, residing at _____

Karen B. Chapman, a citizen of the United States, residing at 107 Middle Road
Southborough, MA 01772

Gregg B. Morin, a citizen of the United States residing at _____

Calvin B. Harley, a citizen of Canada, residing at _____
; and

William H. Andrews, a citizen of the United States residing at _____
;

declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

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Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: 6/11/02

Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: 167 Middle Road, Southborough, MA 01772

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____

Joachim Linger, a citizen of Switzerland, residing at _____

Toru Nakamura, a citizen of Japan, residing at _____

Karen B. Chapman, a citizen of the United States, residing at _____

Gregg B. Morin, a citizen of the United States residing at 176 Blyth Cres.

OAKVILLE, ON L6J 5K6 CANADA

Calvin B. Harley, a citizen of Canada, residing at _____

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William H. Andrews, a citizen of the United States residing at _____

declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

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U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

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Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: Gregg B. Morin Date: 11 Jun 02

Post Office Address: 176 Blyth Cres, Oakville, ON L6J 5H6 CANADA

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____;

Joachim Linger, a citizen of Switzerland, residing at _____;

Toru Nakamura, a citizen of Japan, residing at _____;

Karen B. Chapman, a citizen of the United States, residing at _____;

Gregg B. Morin, a citizen of the United States residing at _____;

Calvin B. Harley, a citizen of Canada, residing at 1730 University Ave,
Palo Alto, California 94301; and

William H. Andrews, a citizen of the United States residing at _____;

declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

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U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

services of Geron Corporation and the University of Colorado/University Technology Corporation.

That to the best of our knowledge the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: Calvin B. Harley Date: 2002.06.12
Calvin B. Harley

Post Office Address: 1730 University Ave., Palo Alto, California 94301

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: _____

DE 7072747 v1

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

DECLARATION

We,

Thomas R. Cech, a citizen of the United States, residing at _____

Joachim Linger, a citizen of Switzerland, residing at _____

Toru Nakamura, a citizen of Japan, residing at _____

Karen B. Chapman, a citizen of the United States, residing at _____

Gregg B. Morin, a citizen of the United States residing at _____

Calvin B. Harley, a citizen of Canada, residing at _____

William H. Andrews, a citizen of the United States residing at 1340
Antelope Valley Road, Reno, Nevada 89506;

declare:

That we made and conceived the invention described and claimed in patent application Serial No. 10/044,692 filed in the United States of America on January 11, 2002, titled HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS;

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U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

services of Geron Corporation and the University of Colorado/University Technology Corporation.

That to the best of our knowledge the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: _____ Date: _____
Thomas R. Cech

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Joachim Linger

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Toru Nakamura

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Karen B. Chapman

U.S. Patent Application No. 10/044,692
Attorney Docket: 015389-002640US

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Gregg B. Morin

Post Office Address: _____

Inventor's Signature: _____ Date: _____
Calvin B. Harley

Post Office Address: _____

Inventor's Signature: _____ Date: _____
William H. Andrews

Post Office Address: 250 S. Rock Blvd., Suite 130, Reno, NV 89502

DE 7072747 v1

Atty Docket No. 015389-002640US

PTO FAX NO.: 703-305-6384

ATTENTION: Ms. Jeter
TELEPHONE NO.:

Group Art Unit

OFFICIAL COMMUNICATION**FOR THE PERSONAL ATTENTION OF****Ms. Jeter – Licensing and Review Department****CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following document in re Application of Thomas R. Cech et al., Application No. 10/044,692, filed January 11, 2002 for HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Submission of Declarations
2. Declarations signed by inventors

Number of pages being transmitted, including this page: 24

Dated: July 2, 2002


Maisie C. Livengood

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JUL - 2 2002
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**PLEASE CONFIRM RECEIPT OF THIS PAPER BY
RETURN FACSIMILE AT (415) 576-0300**

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
Telephone: 303-571-4000 (Denver)
Fax: 303-571-4321 (Denver)

*** ACTIVITY REPORT ***

RECEPTION OK

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CONNECTION ID	
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USAGE TIME	04'45
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